



Our Renewable Earth

# Conservation

Andrea Rivera



**Zoom In on**  
**Our Renewable Earth**

# Conservation



Andrea Rivera

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# Science

Earth has many  
**natural resources.**



But they are limited.



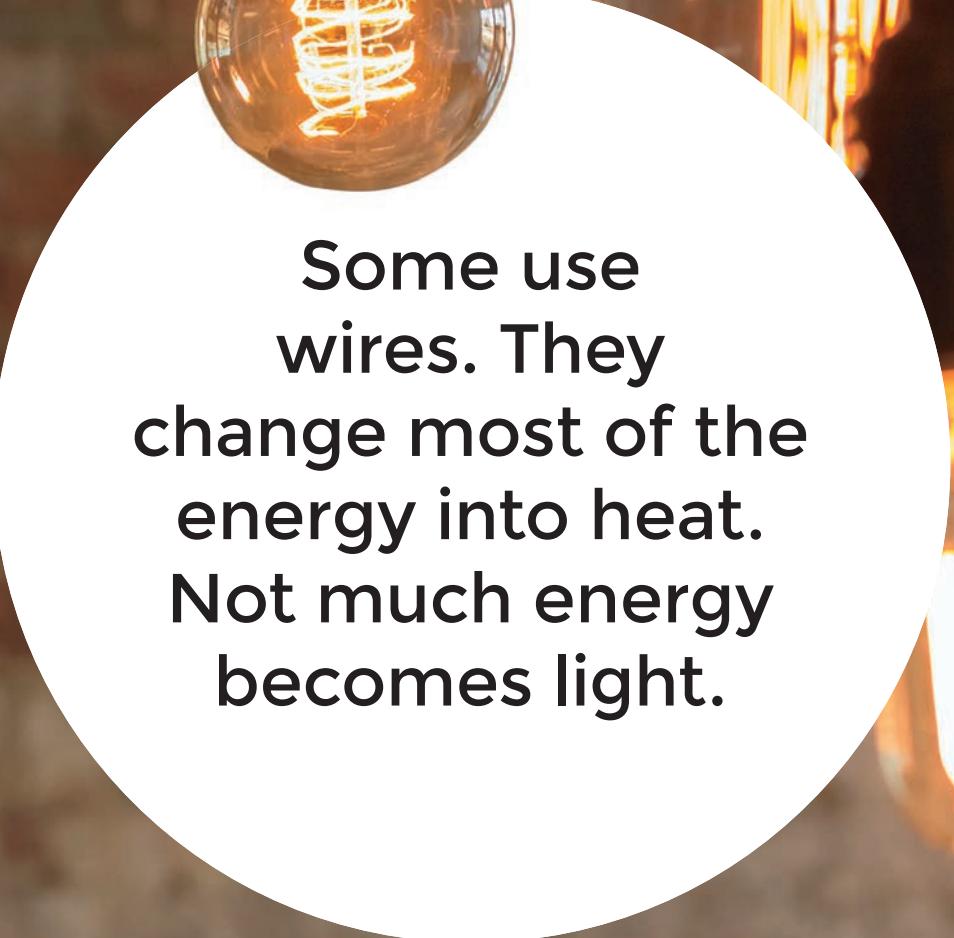
**It is important not to  
use them up.**

**Protecting** them is called  
conservation.



# Technology

Lightbulbs use  
energy.



Some use wires. They change most of the energy into heat. Not much energy becomes light.

Other lightbulbs use gas.  
They turn more energy into light.





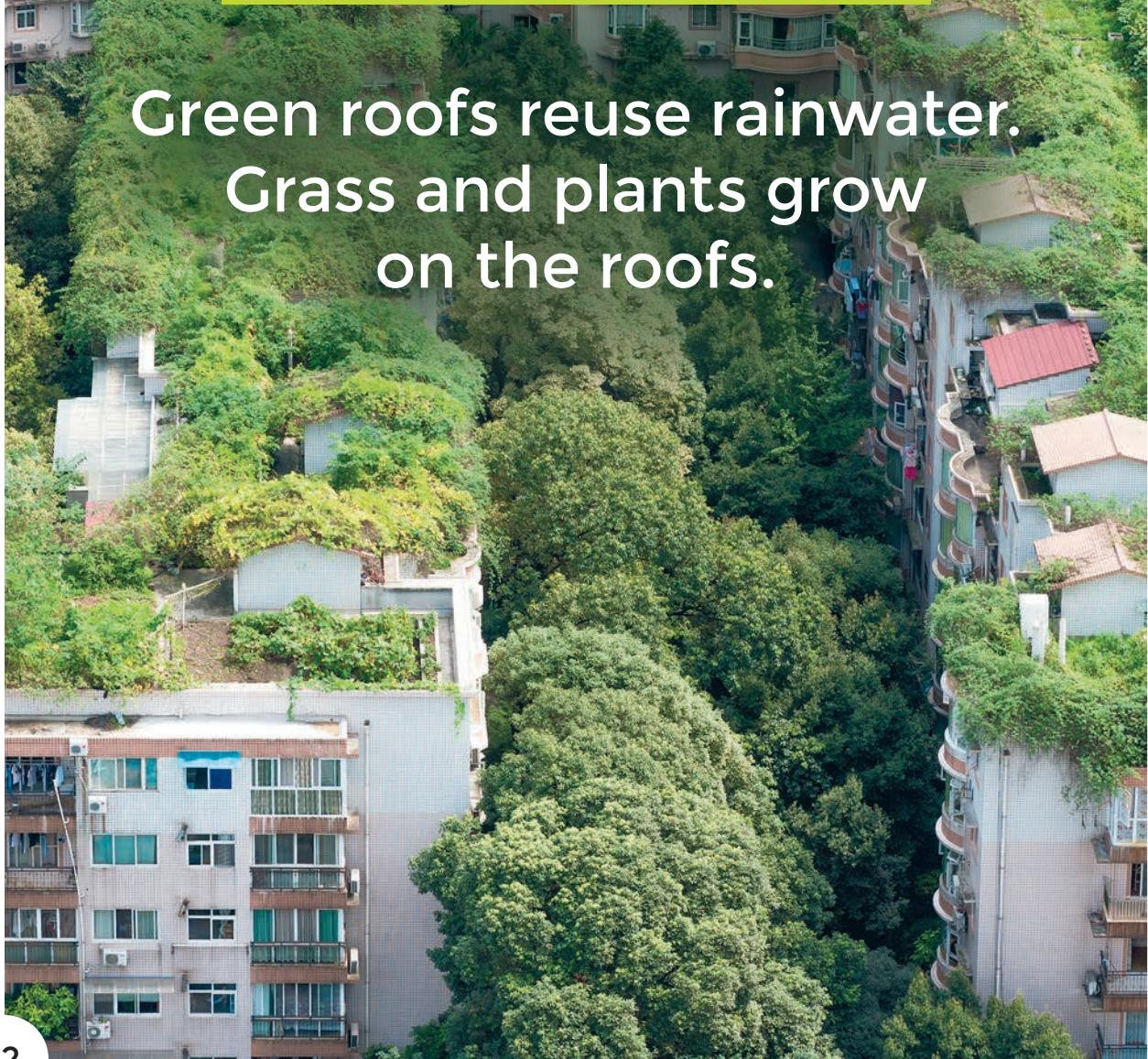
**Less energy becomes heat.  
Using these lightbulbs  
conserves energy.**



# Engineering



Green roofs reuse rainwater.  
Grass and plants grow  
on the roofs.



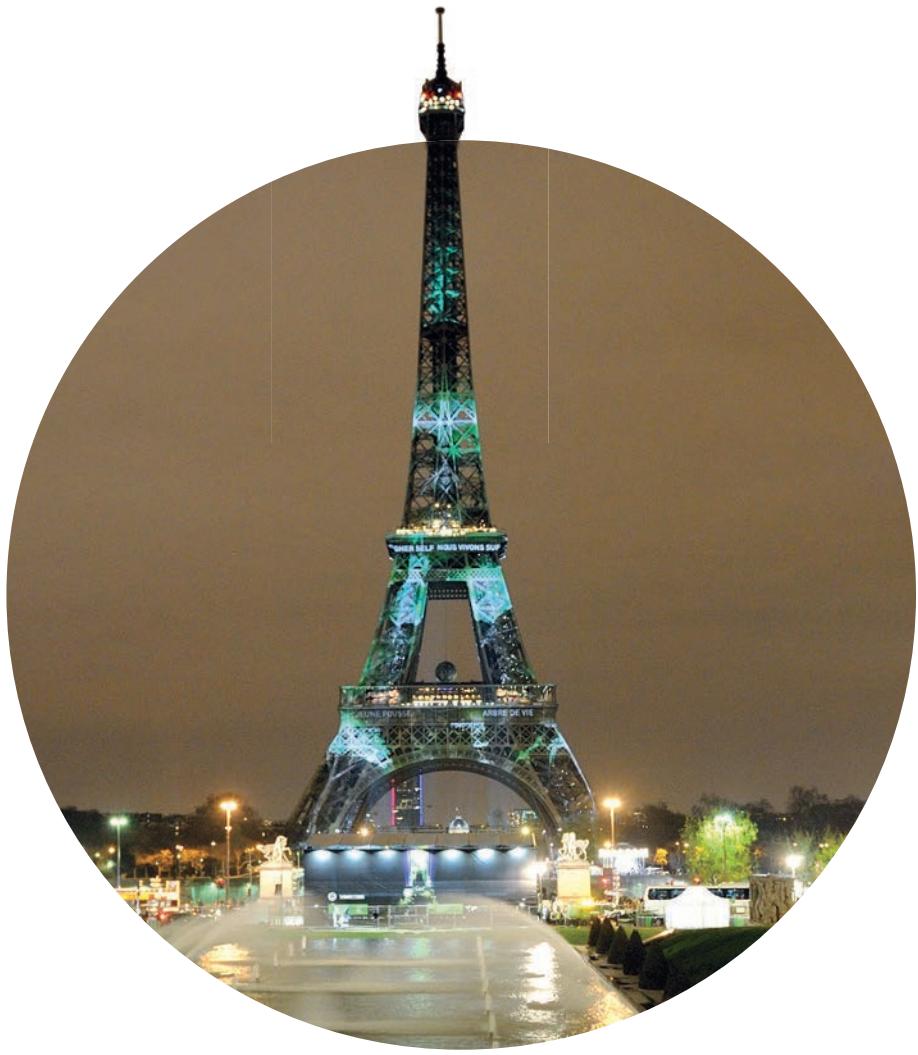


Layers of fabric help soil soak up water. This helps the water not be wasted.

# Art

One artist made an **app**.  
Users grew **digital** trees.





The trees showed on the Eiffel Tower. Then a real tree was planted for each user.

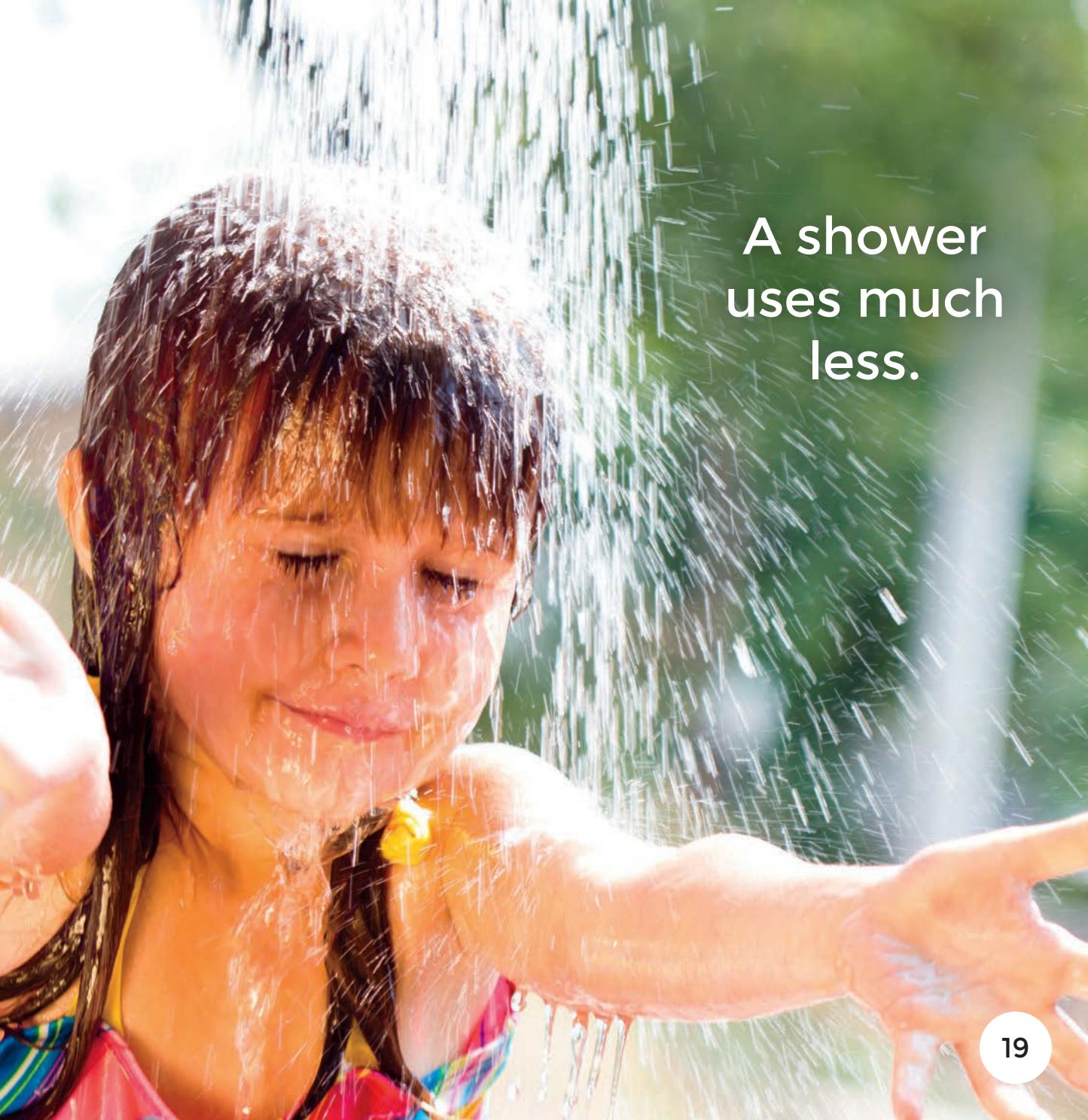
# Math

People do about 215 loads of dishes each year. Many wash dishes by hand. But an average dishwasher uses about 15 gallons (57 L) less water in each load. It saves water.





Showers help conserve water, too. A bath uses about 70 gallons (265 L) of water.

A close-up photograph of a young girl with dark hair, wearing a colorful striped swimsuit, taking a shower outdoors. She is looking directly at the camera with a neutral expression. Water is spraying from a showerhead above her, creating a misty effect. The background is blurred green foliage.

A shower  
uses much  
less.



- The United States uses more energy than any other country.
- Many people cut down forests in the 1800s. The US government created national parks in part to protect them.
- The International Union for Conservation of Nature (IUCN) was formed in 1948. It works with local people to protect animal species.



# Glossary

**app** - short for application, a program on an electronic device.

**digital** - something made with computer technology.

**energy** - power that can be used to do work.

**natural resource** - a material produced by the earth that is useful to people. Forests, water, oil, and minerals are natural resources.

**protecting** - keeping something safe from injury or harm.

# Booklinks

For more information  
on **conservation**, please visit  
[booklinks.abdopublishing.com](http://booklinks.abdopublishing.com)



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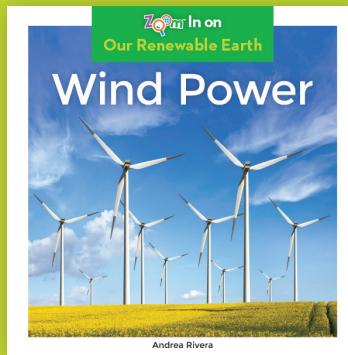
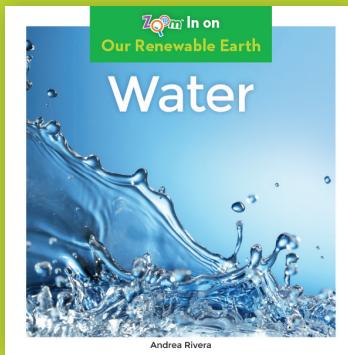
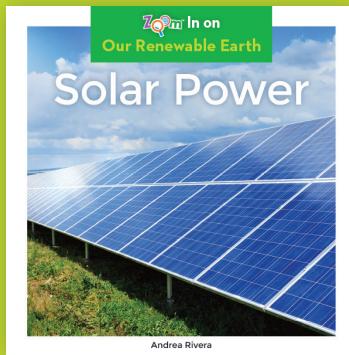
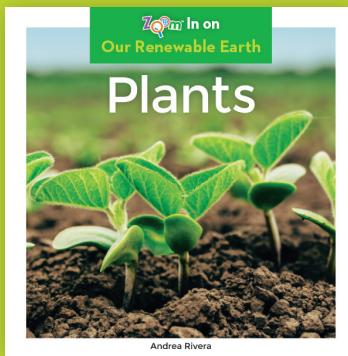
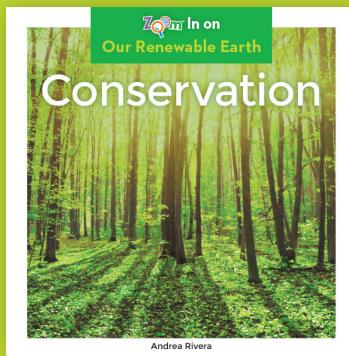
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